

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 12-2001)		ATTORNEY'S DOCKET NUMBER 7024-507
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/031179</b>
INTERNATIONAL APPLICATION NO. PCT/US00/19325	INTERNATIONAL FILING DATE 17 July 2000 (17.07.00)	PRIORITY DATE CLAIMED 16 July 1999 (16.07.99)
TITLE OF INVENTION METHOD AND APPARATUS FOR SIMULTANEOUS COLLECTION OF TIME RESOLVED INFRARED SPECTRAL INFORMATION FROM MULTIPLE SAMPLES		
APPLICANT(S) FOR DO/EO/US Jochen A. LAUTERBACH		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto.</li> <li><input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input checked="" type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ol> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (unsigned)</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). Express Mail Label No.: EL 911955462US Date of Deposit: January 16, 2002</p> <p>20. <input checked="" type="checkbox"/> Other items or information:        a. PCT Request, b. International Publication        c. Notification of Receipt of Demand        d. Notification of Transmittal of the Search Report        e. Response to the International Search Report        f. Form PCT/IB/304, 308, 332     </p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.</p> <p><i>[Signature]</i> Signature of person mailing paper or fee</p>		

U.S. APPLICATION NO. (if known see 37 CFR 1.492(e)) <b>10/0311179</b>	INTERNATIONAL APPLICATION NO. PCT/US00/19325	ATTORNEY'S DOCKET NUMBER 7024-507																				
21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1040.00</b> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$890.00</b> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$740.00</b> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$710.00</b> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b>		<b>CALCULATIONS PTO USE ONLY</b>																				
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$ 100--																				
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>25 - 20 =</td> <td>5</td> <td>x \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>5 - 3 =</td> <td>2</td> <td>x \$84.00</td> </tr> <tr> <td colspan="2"><b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b></td> <td></td> <td>+ \$280.00</td> </tr> <tr> <td colspan="2"></td> <td></td> <td style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	25 - 20 =	5	x \$18.00	Independent claims	5 - 3 =	2	x \$84.00	<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>			+ \$280.00				<b>TOTAL OF ABOVE CALCULATIONS =</b>	\$ 130--
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																			
Total claims	25 - 20 =	5	x \$18.00																			
Independent claims	5 - 3 =	2	x \$84.00																			
<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>			+ \$280.00																			
			<b>TOTAL OF ABOVE CALCULATIONS =</b>																			
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. +		\$ 244--																				
<b>SUBTOTAL =</b>		\$ 244--																				
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 75%;">TOTAL NATIONAL FEE =</th> <th style="width: 25%;">\$</th> </tr> </thead> <tbody> <tr> <td style="text-align: right;"><b>TOTAL FEES ENCLOSED =</b></td> <td style="text-align: right;">\$ 244--</td> </tr> </tbody> </table>		TOTAL NATIONAL FEE =	\$	<b>TOTAL FEES ENCLOSED =</b>	\$ 244--	\$ -0-																
TOTAL NATIONAL FEE =	\$																					
<b>TOTAL FEES ENCLOSED =</b>	\$ 244--																					
		Amount to be refunded: <hr/> charged:																				
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>244.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <u>23-3030</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-3030</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.																						
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</b>																						
SEND ALL CORRESPONDENCE TO:  Troy J. Cole WOODARD, EMHARDT, NAUGHTON, MORIARTY & MCNETT Bank One Center/Tower, Suite 3700 111 Monument Circle Indianapolis, Indiana 46204 US																						
SIGNATURE Troy J. COLE																						
NAME #35,102																						
REGISTRATION NUMBER																						